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## GPS RECEIVER

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Inventor(s): OZAKI YOSHITAKA; KITAGAWA HIROYUKI  
Applicant(s): NIPPON DENSO CO  
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### Abstract

**PURPOSE:**To shorten the time till the catching of a satellite radio wave and to rapidly start the measurement of a position by calculating the Doppler quantity of the satellite radio wave due to the motion of an artificial satellite and altering search frequency on the basis of said Doppler quantity. **CONSTITUTION:**The transmission radio waves from a plurality of artificial satellites are received by an antenna 1 and converted in frequency in a frequency converting part 5. In a signal processing part 6, search frequency is set on the basis of the reference frequency from a reference frequency oscillator 3 and the Doppler quantity of satellite radio waves due to the motion of the artificial satellites to a receiver is calculated and the search frequency is altered on the basis of the calculated Doppler quantity. The receiving processing of the receiving signal converted in the frequency converting part 5 on the basis of the altered search frequency.

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## CLAIMS

No Claims were found.

## DESCRIPTION

Text Not Available.